

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

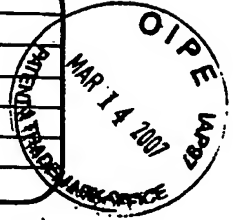
Sheet 1

of

2

Complete If Known

Application Number	10/535,209
Filing Date	10.11.2003
First Named Inventor	Thomas Haustein
Art Unit	
Examiner Name	
Attorney Docket Number	2004P20577WOUS

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
MTV	1	US-2003/0072379 A1	04-17-2003	Ketchum	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
MTV	2	WO 03/050968 A2	06-19-2003	Qualcomm Incorporated		

Examiner
Signature

Michael V.

Date
Considered

1/14/08

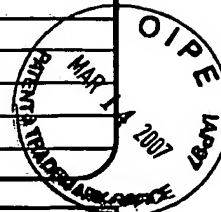
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/535,209
		Filing Date	10.11.2003
		First Named Inventor	Thomas Haustein
		Group Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	2004P20577WOUS	



OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MTV	3	TELETAR, E.: "Capacity of Multi-antenna Gaussian Channels" European Transactions on Telecommunications; vol. 10, Nov/Dec. 1999; pages 585 - 595	
	4	LEBRUN F. YING T, FAULKNER M.: "MIMO transmission over a time varying TDD channel using SVD" in Electronics Letters; 25th October 2001; vol. 37, No. 22, pages 1363-1364	
	5	CATREUX S. et al.: "Adaptive Modulation and MIMO Coding for Broadband Wireless Data Networks". In IEEE Communications Magazine; June 2002; pages 108 to 115	
	6	CATREUX S; DRIESSEN P; GREENSTEIN L.J.; "Attainable Throughput of an Interference-Limited Multiple-Input Multiple-Output (MIMO) Cellular System, IEEE Transactions on Communications; Vol. 49, No. 8; August 2001, pages 1307 - 1311	
	7	KIESSLING M et al.; "Short-term and long-term diagonalization of correlated MIMO channels with adaptive modulation "Conference proceedings; 13 th IEEE 2002; Bd. 2; 15-18 September 2002; pages 593-597; XP010614294.	
	8	JUNGnickel V. et al.; " A MIMO WLAN based on linear channel inversion" IEE Seminar MIMO ; 12. Dec. 2001; pages 20/1-6; XP00227765.	
	9	GOLDEN G.D. et al.; Detection algorithm and initial laboratory results using V-BLAST space-time communication architecture.; Electronics Letters Vol. 35, No. 1, 07 th January 1999; pages 14-16;	
	10	CHUAH C.; et al. "Capacity Growth of Multi-Element Arrays in Indoor and Outdoor Wireless Channels"; Proc. of IEEE Wireless Commun. And Networking Conf. Chicago IL; Sept. 23-28, 2000 pages 1340-1344;	
	11	BLUM R.S.; et al "On Optimum MIMO with Antenna Selection" IEEE Communications Letters; Vol. 6, No. 8, August 2002; pages 322-324	
MTV	12	CHUNG S.T. et al.; "Approaching Eigenmode BLAST Channel Capacity Using V-BLAST with Rate and Power Feedback, Proc. IEEE VTC Fall 2001, Atlantic City NJ, 7-11 October 2001; pages 915-919	

Examiner Signature	<i>Michael V</i>	Date Considered	1/14/2008
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